

ABSTRACT OF THE DISCLOSURE

To provide a plasticizing apparatus for resin material allowing downsizing of an injection molding apparatus while stabilizing a plastication state of a resin material without raising a heating temperature for a plasticizing barrel. On the inner surface of a plasticizing barrel 2 for plasticizing the resin material, one or more lines of a heat transfer piece 21 shaped like a ridge is/are disposed in a protrusion condition in a spiral or a straight line, and on the outer surface of the barrel 2, one or more lines of a heat receiving piece 22 is/are disposed in a protrusion condition in a spiral or a straight line, in the pitch of which, a heater 3 is fit, and in the vicinity of an opening 23 for feeding the resin material into the barrel 2, a radiating member 24 which radiates heat inside the barrel 2 into the outside air is disposed in a protrusion condition.